

What is claimed is:

1. A communication system which comprises a base station, a mobile station communicable with the base station through a radio channel, and an object device controllable by the radio channel, the mobile station comprising:

a monitoring unit for monitoring status of the object device to produce a status signal representative of the status of the object device; and

a control unit, coupled to the monitoring unit, for responding to the base station through the radio channel on the basis of the status signal when the mobile station is called by the base station.

2. A communication system as claimed in claim 1, wherein the base station transmits an image to the mobile station in the form of a sequence of image data signals through the radio channel on calling the mobile station.

3. A communication system as claimed in claim 2, wherein the object device includes a display unit for visually displaying the image.

4. A communication system as claimed in claim 3, wherein the object device is controlled by the mobile station through a radio channel.

5. A communication system as claimed in claim 3, wherein the object device is coupled to the mobile station through an infrared ray.

6. A communication system as claimed in claim 1, wherein the control unit responds to the base station by notifying the base station of rejection of the response when the monitoring unit detects that the object device is put in uncontrollable status.

7. A communication system as claimed in claim 1, wherein the base station transmits both a voice and an image to the mobile station in the form of voice and image data signal sequences, respectively, through

the radio channel on calling the mobile station.

8. A communication system as claimed in claim 7, wherein the control unit notifies the base station of status of receiving only the voice signal sequence when the monitoring unit detects that the object device is put into uncontrollable status.

9. A communication system as claimed in claim 1, wherein the control unit notifies the base station of holding a response when the monitoring unit detects that the object device is put into uncontrollable status.

10. A communication system as claimed in claim 9, wherein the control unit notifies the base station of rejection of a response after the notification of holding the response.

11. A communication system as claimed in claim 9, the base station transmitting both a voice and an image to the mobile station in the form of voice and image data signal sequences, respectively, through the radio channel on calling the mobile station, wherein the control unit notifies the base station of receiving only the voice signal sequence after the notification of holding the response.

12. A communication system as claimed in claim 11, wherein the control unit checks whether or not connection to the object device is established after the notification of holding the response.

13. A communication system as claimed in claim 12, wherein the control unit notifies the base station of receiving the image data signal sequence after the connection to the object device is established.

14. A communication system as claimed in claim 12, wherein the control unit notifies the base station of rejection of the response when the connection to the object device is not established.

15. A communication system as claimed in claim 9, the base station transmitting both a voice and an image to the mobile station in the

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21. A communication system as claimed in claim 1, wherein the control unit responds to the base station by notifying it of receiving a voice when a voice call is received from the base station by the mobile station.

22. A communication system as claimed in claim 1, the base station transmitting both a voice and an image to the mobile station in the form of voice and image data signal sequences, respectively, through the radio channel on calling the mobile station, wherein the control unit comprises a detecting element for detecting a species signal representative of either one of the voice and the image data signal sequences.

23. A communication system as claimed in claim 22, wherein the control unit further comprises:

a switching element for switching from either one of the voice and the image data signal sequences to another one on the basis of the species signal detected by the detecting element.

24. A communication system as claimed in claim 22, wherein the detecting element detects, as the species signal, a TEMID included in a control signal arranged in a control channel.

25. A mobile station for use in a communication system which comprises a base station communicable with the mobile station through a radio channel and an object device controllable by the radio channel, the mobile station comprising:

a monitoring unit for monitoring status of the object device to produce a status signal representative of the status of the object device; and

a control unit, coupled to the monitoring unit, for responding to the base station through the radio channel on the basis of the status signal when the mobile station is called by the base station.

26. A method of carrying out communication between a base station and a mobile station which is communicable with an object device, the method comprising the steps of:

monitoring status of the object device to produce a status signal representative of the status of the object device; and

27. A method as claimed in claim 26, wherein the responding step comprises the step of:

detecting the status of the object device to transmit the status of the object device to the base station.

receiving the image data signal sequence from the base station;
carrying out an operation determined for reception of the image
data signal sequence; and

29. A method as claimed in claim 28, wherein the object device is operable in response to the image data signal sequence.

transferring a data signal sequence from the mobile station to the object device.

32. A method as claimed in claim 28, wherein the informing step comprises the step of:

transmitting, as the result of the operation, rejection of the response to the base station when detection is made in the monitoring step about the

fact that the mobile station is not connected to the object device.

33. A method as claimed in claim 28, wherein the informing step comprises the step of:

transmitting, as the result of the operation, admission of receiving only the voice to the base station.

34. A method as claimed in claim 28, wherein the informing step comprises the steps of:

transmitting, to the base station, a holding response representative of a holding operation of the mobile station; and

checking whether or not a connection is established between the mobile station and the object device in response to a request for the image data signal.

35. A method as claimed in claim 34, wherein the informing step further comprises the step of:

transmitting, as the result of the operation, a response to reception of the image data signal when the connection is established between the mobile station and the object device.

36. A method as claimed in claim 34, wherein the informing step comprises the step of:

transmitting, as the result of the operation, a rejection response representative of rejection of the response to the base station when the connection is not established between the mobile station and the object device.

37. A method as claimed in claim 34, wherein the informing step comprises the step of:

transmitting, as the result of the operation, admission of receiving only the voice signal sequence when no connection is established between the mobile station and the object device.

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38. A method as claimed in claim 26, wherein the responding step comprises the step of:

transmitting a response for reception of an image data signal to the base station when the mobile station is connected to the object device in the monitoring step.

39. A method as claimed in claim 26, wherein the monitoring step comprises the step of:

periodically storing status of the object device into a memory;

the responding step comprising the steps of:

periodically accessing the memory to read the status of the object device out of the memory; and

transmitting, to the base station, a response determined by the status of the object device stored in the memory.

40. A method as claimed in claim 26, wherein the monitoring step comprises the step of:

accessing the object device to detect the status of the object device each time when the mobile station receives a reception call.

41. A method as claimed in claim 26, wherein the responding step comprises the step of:

transmitting, to the base station, a response for receiving a voice data signal when the mobile station receives a reception call for the voice data signal.

42. A method as claimed in claim 26, wherein the responding step comprises the step of:

switching from reception of either one of voice and image data signals to reception of another one.

43. A method as claimed in claim 42, wherein the responding step further comprises the step of:

detecting a species of either the voice or the image data signal.

44. A method as claimed in claim 43, wherein the detecting step is carried out by the use of the TEmID included in a control signal to judge whether the reception call is either a voice reception call or an image reception call.

45. A computer-readable storage medium for storing a program used in a mobile station, the program comprising the steps of:

monitoring status of an object device to produce a status signal representative of the status of the object device; and

responding to the base station through the radio channel on the basis of the status signal when the mobile station is called by the base station.

46. A computer-readable storage medium as claimed in claim 45, wherein the responding step comprises the step of:

receiving the status signal from the object device; and

detecting the status of the object device to transmit the status of the object device to the base station.

47. A computer-readable storage medium as claimed in claim 46, the base station transmitting both a voice and an image to the mobile station in the form of voice and image data signal sequences, respectively, through the radio channel on calling the mobile station, wherein the responding step comprises the steps of:

receiving the image data signal sequence from the base station;

carrying out an operation determined for reception of the image data signal sequence; and

informing the base station of the result of the operation.

48. A computer-readable storage medium as claimed in claim 46, wherein the object device is operable in response to the image data signal sequence.